

ABSTRACT

A lighting fixture for producing a beam of light having a prescribed luminous flux spectrum. In one example, the lighting fixture comprises a plurality of groups of light-emitting devices, each such group configured to emit light having a distinct luminous flux spectrum, and a controller configurable to supply selected amounts of electrical power to the plurality of groups of light-emitting devices, such that the groups cooperate to produce a composite beam of light having a prescribed luminous flux spectrum.